

AMENDMENTS TO THE CLAIMS

1 1. **(Currently amended)** A glow plug comprising:

2 a body having a threaded portion means for affixing the glow plug to an engine
3 block, said body having an outer shell surrounding an inner cavity, said outer shell
4 having a reduced portion at a top end of the outer shell, a center hexagonal portion
5 having six faces, and ~~wherein said means for affixing the glow plug to an engine block~~
6 ~~comprises a~~ the threaded portion extending downwardly from an engine block
7 contactable base located at a bottom end of said hexagonal portion so that when said
8 body is affixed to an engine block, the engine block contactable base ~~face~~ contacts the
9 engine block and forms a seal therewith, said engine block contactable base being
10 formed in a horizontal plane when said plug is vertically oriented, and said hexagonal
11 portion extending from the reduced portion to the threaded portion; and

12 a circumferential groove formed horizontally in said outer shell in said hexagonal
13 portion thereof and said circumferential groove extending completely across all six
14 faces of said hexagonal portion and said hexagonal portion extending downwardly to
15 terminate in contact with said engine block contactable base whereby the external
16 shape of said base is hexagonal.

2. **(Original)** The glow plug of claim 1 wherein said hexagonal portion has an upper
end and a lower end adjacent said base and said circumferential groove is located
nearer said base than said upper end.

3. **(Original)** The glow plug of claim 1 wherein said hexagonal portion is a 5/16"
hexagon and said peripheral groove has an inside diameter of about 0.275 inches.

4. **(New)** The glow plug of claim 1 wherein reduced portion at a top end of the outer
shell is a crimped portion.

5. **(New)** A glow plug comprising:
- an inner electrode;
 - a body residing around said inner electrode, said body comprising:
 - a reduced cross-section upper crimped portion for holding said center electrode in said body;
 - a lower threaded portion for affixing said glow plug to an engine;
 - a center hexagonal portion extending from said crimped portion to said threaded portion; and
 - a circumferential groove extending continuously across all six faces of said hexagonal portion.
6. **(New)** The glow plug of Claim 5, wherein the upper crimped portion is reduced to have a cross-section less than a minor cross-section of said hexagonal portion.
7. **(New)** The glow plug of Claim 5, wherein the upper crimped portion is frusto-conical.
8. **(New)** A glow plug body configured to assemble around a center electrode, the body comprising:
- a cylindrical crimpable reduced cross-section upper portion for holding said center electrode in said body;
 - a lower threaded portion for affixing said glow plug body to an engine block;
 - a center hexagonal portion extending from said crimpable portion to said threaded portion; and
 - a circumferential groove extending continuously across all six faces of said hexagonal portion.